



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2008
Code: 12601772
SAU: MSAD 67
School: Mattanawcook Jr High School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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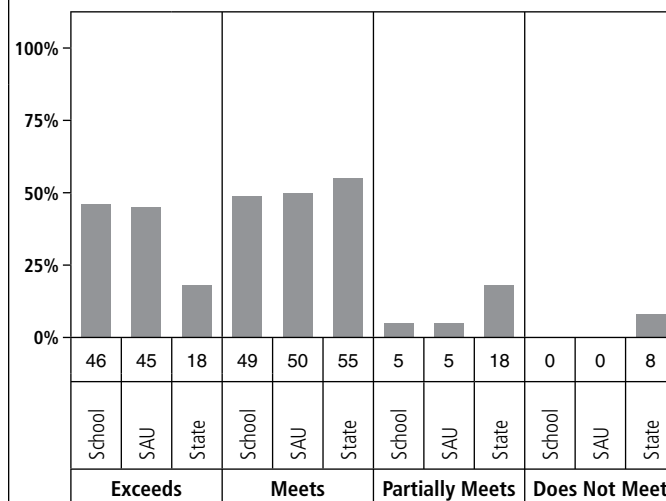
SUMMARY OF SCORES

Test Date: March 2008
Grade: 7
SAU: MSAD 67
School: Mattanawcook Jr High School

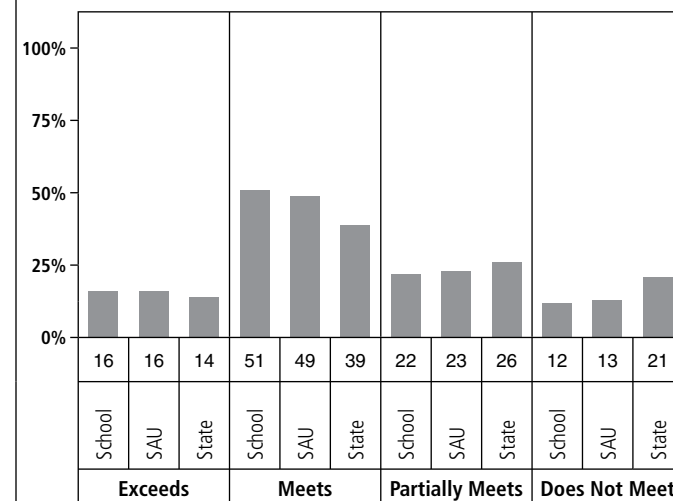
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	748	748	745
2006–2007	750	749	748
2007–2008	760	759	750
Cum. Avg. *	752	752	748
Mathematics			
2005–2006	737	737	740
2006–2007	743	743	742
2007–2008	747	747	743
Cum. Avg. *	742	742	742

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 7
 SAU: MSAD 67
 School: Mattanawcook Jr High School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	87	100	83	100	14818	100	86	99	82	99	14698	99	86	99	82	99	14694	99						
Ethnicity African American/Black	1	1	1	1	381	3	1	100	1	100	372	98	1	100	1	100	375	99						
American Indian or Native Alaskan	0	0	0	0	113	1	0	0	0	0	112	99	0	0	0	0	112	99						
Asian or Pacific Islander	1	1	1	1	219	1	1	100	1	100	213	97	1	100	1	100	217	99						
Hispanic	1	1	1	1	178	1	1	100	1	100	176	99	1	100	1	100	177	100						
Caucasian/White	84	97	80	96	13927	94	83	99	79	99	13825	99	83	99	79	99	13813	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	17	20	15	18	2556	17	16	94	14	93	2508	99	16	94	14	93	2497	98						
Current LEP	0	0	0	0	363	2	0	0	0	0	352	97	0	0	0	0	360	99						
Economically disadvantaged	36	41	33	40	5461	37	35	97	32	97	5408	99	35	97	32	97	5406	99						
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	61	70	59	71	12195	82	61	70	59	71	12215	82						
Identified disability (PET/IEP)	0	0	0	0	418	3	0	0	0	0	421	3						
LEP	0	0	0	0	183	2	0	0	0	0	183	1						
504 plan	0	0	0	0	181	1	0	0	0	0	182	1						
Participation with accommodations	22	25	21	25	2320	16	22	25	21	25	2303	16						
Identified disability (PET/IEP)	13	59	12	57	1912	82	13	59	12	57	1900	83						
LEP	0	0	0	0	159	7	0	0	0	0	173	8						
504 plan	0	0	0	0	56	2	0	0	0	0	55	2						
Other	9	41	9	43	244	11	9	41	9	43	226	10						
Participation through alternate assessment (PAAP)	3	3	2	2	178	1	3	3	2	2	176	1						
Identified disability (PET/IEP)	3	100	2	100	178	100	3	100	2	100	176	100						
LEP	0	0	0	0	5	3	0	0	0	0	4	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0												
Approved non-participation – special consideration	0	0	0	0	27	0	0	0	0	0	28	0						
Non-participation – other	1	1	1	1	93	1	1	1	1	1	96	1						

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 7
SAU: MSAD 67
School: Mattanawcook Jr High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	12	12	12	13	1769	11
	2006-2007	15	18	11	15	2630	18
	2007-2008	38	46	36	45	2604	18
	Cum. Total*	65	25	59	24	7003	16
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	57	59	52	57	7521	49
	2006-2007	49	59	44	59	7605	51
	2007-2008	41	49	40	50	8049	55
	Cum. Total*	147	56	136	56	23175	52
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	16	16	15	16	3773	24
	2006-2007	18	22	18	24	3000	20
	2007-2008	4	5	4	5	2672	18
	Cum. Total*	38	14	37	15	9445	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	12	12	12	13	2399	16
	2006-2007	1	1	1	1	1620	11
	2007-2008	0	0	0	0	1190	8
	Cum. Total*	13	5	13	5	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	41.6	74.3	41.5	74.1	35.3	63.0
Literary Text	28	50	21.0	75.0	21.0	75.0	17.3	61.8
Informational Text	28	50	20.6	73.6	20.5	73.2	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: MSAD 67
 School: Mattanawcook Jr High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	83	38	46	41	49	4	5	0	0	760	80	45	50	5	0	759	14515	18	55	18	8	750
Ethnicity																						
African American/Black	1										1						365	10	49	19	22	742
American Indian or Native Alaskan	0										0						110	6	52	24	18	744
Asian or Pacific Islander	1										1						211	26	47	20	6	752
Hispanic	1										1						173	12	54	18	15	746
Caucasian/White	80	37	46	39	49	4	5	0	0	760	77	45	49	5	0	759	13656	18	56	18	8	750
Not Reported	0										0						0					
Identified disability																						
Yes	13	0	0	11	85	2	15	0	0	745	12	0	83	17	0	745	2330	2	30	36	32	735
No	70	38	54	30	43	2	3	0	0	762	68	53	44	3	0	762	12185	21	60	15	4	753
Current LEP																						
Yes	0										0						342	8	46	22	24	741
No	83	38	46	41	49	4	5	0	0	760	80	45	50	5	0	759	14173	18	56	18	8	750
Economically disadvantaged																						
Yes	34	15	44	18	53	1	3	0	0	757	32	44	53	3	0	757	5299	9	51	26	14	745
No	49	23	47	23	47	3	6	0	0	762	48	46	48	6	0	761	9216	23	58	14	5	753
Migrant																						
Yes	0										0						1					
No	83	38	46	41	49	4	5	0	0	760	80	45	50	5	0	759	14514	18	55	18	8	750
Gender																						
Female	41	26	63	15	37	0	0	0	0	765	38	63	37	0	0	765	7084	24	55	15	6	752
Male	42	12	29	26	62	4	10	0	0	755	42	29	62	10	0	755	7431	12	56	21	11	747
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	13	0	0	11	85	2	15	0	0	750	13	0	85	15	0	750	946	6	47	34	12	743
No	70	38	54	30	43	2	3	0	0	761	67	54	43	3	0	761	13569	19	56	17	8	750
Gifted/talented program																						
Yes	0										0						574	61	38	1	0	765
No	83	38	46	41	49	4	5	0	0	760	80	45	50	5	0	759	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 7
SAU: MSAD 67
School: Mattanawcook Jr High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	14	5	42	7	58	0	0	0	0	760	14	36	64	0	0	759	6	9	42	24	25	741
B. less than one hour	65	29	54	21	39	4	7	0	0	761	65	54	38	8	0	761	50	17	56	19	8	750
C. one to two hours	18	3	20	12	80	0	0	0	0	755	19	20	80	0	0	755	40	20	58	16	6	752
D. more than two hours	2	1	50	1	50	0	0	0	0	760	3	50	50	0	0	760	4	19	49	21	11	749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	75	30	48	29	47	3	5	0	0	760	75	48	47	5	0	760	36	24	58	14	5	753
B. They match some of what I have learned.	23	8	42	11	58	0	0	0	0	760	23	39	61	0	0	759	50	16	58	19	8	749
C. They match just a little of what I have learned.	2	0	0	1	50	1	50	0	0	744	3	0	50	50	0	744	11	13	45	26	16	745
D. There is no match.	0										0						3	4	35	29	31	737
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	39	20	63	11	34	1	3	0	0	763	38	60	37	3	0	763	28	35	52	9	5	756
B. good	51	17	40	22	52	3	7	0	0	759	51	41	51	7	0	759	52	15	60	18	7	750
C. fair	11	1	11	8	89	0	0	0	0	749	11	11	89	0	0	749	18	3	49	33	15	742
D. poor	0										0						2	2	41	28	29	738
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	14	5	42	7	58	0	0	0	0	761	15	42	58	0	0	761	16	13	48	23	16	745
B. about the same as my regular schoolwork	78	31	48	30	46	4	6	0	0	760	78	47	47	6	0	759	65	18	57	18	7	750
C. easier than my regular schoolwork	7	2	33	4	67	0	0	0	0	757	8	33	67	0	0	757	19	21	57	16	6	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	11	2	22	6	67	1	11	0	0	751	11	22	67	11	0	751	9	5	38	29	28	738
B. Most of the passages were about the same as what I normally read.	73	27	44	31	51	3	5	0	0	760	74	44	51	5	0	760	55	14	57	22	7	748
C. Most of the passages were easier than what I normally read.	16	9	69	4	31	0	0	0	0	765	15	67	33	0	0	765	36	28	58	10	4	755
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	41	12	35	20	59	2	6	0	0	757	40	34	59	6	0	757	44	18	56	18	8	750
B. I tried about the same as I do on my regular schoolwork.	55	24	52	20	43	2	4	0	0	761	56	51	44	4	0	761	51	19	56	17	7	751
C. I did not try as hard on this test as I do on my regular schoolwork.	4	2	67	1	33	0	0	0	0	765	4	67	33	0	0	765	5	9	46	26	19	743
How much time do you spend reading at home each day?																						
A. more than one hour	12	8	80	2	20	0	0	0	0	766	11	78	22	0	0	766	17	25	57	13	6	753
B. 20 minutes to an hour	65	23	43	28	52	3	6	0	0	759	65	42	52	6	0	759	45	22	56	16	6	752
C. less than 20 minutes	12	3	30	6	60	1	10	0	0	757	13	30	60	10	0	757	13	14	56	21	9	748
D. I rarely read at home.	11	4	44	5	56	0	0	0	0	761	11	44	56	0	0	761	24	8	53	26	13	745
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 7
SAU: MSAD 67
School: Mattanawcook Jr High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	4	4	4	4	1646	11
	2006-2007	7	8	6	8	2142	14
	2007-2008	13	16	13	16	2028	14
	Cum. Total*	24	9	23	9	5816	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	34	35	32	35	5497	36
	2006-2007	40	48	35	47	5642	38
	2007-2008	42	51	39	49	5703	39
	Cum. Total*	116	44	106	43	16842	38
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	37	38	33	36	4514	29
	2006-2007	27	33	24	32	4077	27
	2007-2008	18	22	18	23	3733	26
	Cum. Total*	82	31	75	31	12324	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	22	23	22	24	3797	25
	2006-2007	9	11	9	12	3001	20
	2007-2008	10	12	10	13	3054	21
	Cum. Total*	41	16	41	17	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	9.3	58.1	9.2	57.5	8.8	55.0
Cluster 2: Shape and Size	14	25	6.3	45.0	6.2	44.3	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	4.4	55.0	4.4	55.0	3.5	43.8
Cluster 4: Patterns	18	32	8.2	45.6	8.2	45.6	7.9	43.9

- Cluster 1: Numbers and Operations**
 A. Numbers and Number Sense
 B. Computation
 I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
 E. Geometry
 F. Measurement
- Cluster 3: Mathematical Decision Making**
 C. Data Analysis and Statistics
 D. Probability
- Cluster 4: Patterns**
 G. Patterns, Relations, and Functions
 H. Algebra Concepts
 K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
Grade: 7
SAU: MSAD 67
School: Mattanawcook Jr High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	83	13	16	42	51	18	22	10	12	747	80	16	49	23	13	747	14518	14	39	26	21	743
Ethnicity																						
African American/Black	1										1						372	5	24	25	45	731
American Indian or Native Alaskan	0										0						110	5	30	36	29	736
Asian or Pacific Islander	1										1						216	25	34	23	18	748
Hispanic	1										1						175	9	32	30	29	737
Caucasian/White	80	13	16	41	51	16	20	10	13	747	77	17	49	21	13	747	13645	14	40	26	20	743
Not Reported	0										0						0					
Identified disability																						
Yes	13	0	0	2	15	5	38	6	46	729	12	0	8	42	50	727	2321	2	16	26	55	727
No	70	13	19	40	57	13	19	4	6	750	68	19	56	19	6	750	12197	16	44	26	15	746
Current LEP																						
Yes	0										0						356	7	23	24	45	731
No	83	13	16	42	51	18	22	10	12	747	80	16	49	23	13	747	14162	14	40	26	20	743
Economically disadvantaged																						
Yes	34	4	12	16	47	7	21	7	21	742	32	13	44	22	22	742	5301	5	31	31	33	736
No	49	9	18	26	53	11	22	3	6	750	48	19	52	23	6	750	9217	19	44	23	14	747
Migrant																						
Yes	0										0						1					
No	83	13	16	42	51	18	22	10	12	747	80	16	49	23	13	747	14517	14	39	26	21	743
Gender																						
Female	41	5	12	27	66	8	20	1	2	750	38	13	63	21	3	749	7086	14	40	26	20	743
Male	42	8	19	15	36	10	24	9	21	744	42	19	36	24	21	744	7432	14	38	25	22	743
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	13	0	0	3	23	6	46	4	31	734	13	0	23	46	31	734	946	4	23	36	37	733
No	70	13	19	39	56	12	17	6	9	749	67	19	54	18	9	749	13572	15	40	25	20	743
Gifted/talented program																						
Yes	0										0						575	64	31	3	1	765
No	83	13	16	42	51	18	22	10	12	747	80	16	49	23	13	747	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 7
 SAU: MSAD 67
 School: Mattanawcook Jr High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	14	1	8	7	58	2	17	2	17	744	14	9	55	18	18	743	6	7	29	26	37	734
B. less than one hour	65	10	19	28	52	11	20	5	9	749	65	19	50	21	10	749	50	13	39	26	22	742
C. one to two hours	18	1	7	7	47	4	27	3	20	741	19	7	47	27	20	741	40	15	42	26	17	744
D. more than two hours	2	1	50	0	0	1	50	0	0	752	3	50	0	50	0	752	4	16	37	23	24	742
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	51	11	26	18	43	10	24	3	7	750	50	28	40	25	8	750	32	21	40	23	16	747
B. They match some of what I have learned.	42	2	6	20	57	7	20	6	17	745	43	6	56	21	18	745	50	12	42	27	19	743
C. They match just a little of what I have learned.	7	0	0	4	67	1	17	1	17	738	8	0	67	17	17	738	15	7	32	31	30	737
D. There is no match.	0										0						3	4	17	21	58	726
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	41	10	29	17	50	4	12	3	9	752	40	31	47	13	9	752	25	34	42	13	11	753
B. good	46	2	5	22	58	9	24	5	13	745	46	5	57	24	14	745	47	10	45	27	18	743
C. fair	12	1	10	3	30	4	40	2	20	736	13	10	30	40	20	736	23	3	30	36	32	735
D. poor	1	0	0	0	0	1	100	0	0	740	1	0	0	100	0	740	5	1	17	32	49	729
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	29	1	4	12	50	6	25	5	21	741	29	4	48	26	22	740	36	6	38	29	27	738
B. about the same as my regular schoolwork	65	11	20	28	52	10	19	5	9	750	65	21	50	19	10	750	53	13	42	27	18	744
C. easier than my regular schoolwork	6	1	20	2	40	2	40	0	0	746	6	20	40	40	0	746	11	40	32	15	13	753
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	35	5	17	15	52	6	21	3	10	748	35	18	50	21	11	748	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	58	7	15	24	50	10	21	7	15	746	58	15	48	22	15	746	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	7	1	17	3	50	2	33	0	0	747	8	17	50	33	0	747	5	10	27	27	36	736
How often do you use laptops in mathematics class?																						
A. almost every day	2	0	0	1	50	1	50	0	0	742	3	0	50	50	0	742	9	15	37	25	23	742
B. two or three days a week	14	3	25	2	17	4	33	3	25	743	15	25	17	33	25	743	20	13	41	26	20	743
C. two or three times each month	29	3	13	16	67	1	4	4	17	747	28	14	64	5	18	747	30	15	40	27	18	744
D. never or almost never	54	7	16	23	51	12	27	3	7	748	55	16	50	27	7	748	41	13	39	26	23	742
How often do you use calculators in mathematics class?																						
A. almost every day	83	10	14	36	52	15	22	8	12	747	83	15	50	23	12	746	20	17	39	23	22	744
B. two or three days a week	12	2	20	4	40	3	30	1	10	748	13	20	40	30	10	748	29	16	40	25	19	744
C. two or three times a month	5	1	25	2	50	0	0	1	25	750	5	25	50	0	25	750	26	13	40	28	20	743
D. never or almost never	0										0						24	10	39	27	24	740
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	2	0	0	0	0	1	50	1	50	732	3	0	0	50	50	732	8	7	32	26	35	736
B. 30–45 minutes	28	3	13	11	48	6	26	3	13	745	28	14	45	27	14	745	41	12	38	27	23	741
C. 45–60 minutes	63	8	15	29	56	10	19	5	10	748	63	16	54	20	10	748	41	17	42	24	16	745
D. more than 60 minutes	7	2	33	2	33	1	17	1	17	747	8	33	33	17	17	747	10	15	38	25	22	743
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											